

within Noise Limited Contour	1218087	23603.2
not affected by terrain losses	939959	18895.4
lost to NTSC IX	98316	1996.4
lost to additional IX by ATV	3580	216.9
lost to all IX	101896	2213.3
Analysis of: 54A NC LINVILLE		
HAAT 546.0 m, ATV ERP 130.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1218087	23603.2
not affected by terrain losses	947612	19056.1
lost to NTSC IX	41469	506.1
lost to additional IX by ATV	27116	650.7
lost to ATV IX only	62758	976.1
lost to all IX	68585	1156.9
percent match ATV/NTSC	99.1	98.3
Analysis of: 17N TN NASHVILLE		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1351276	24706.4
not affected by terrain losses	1338297	23785.8
lost to NTSC IX	1580	68.0
lost to additional IX by ATV	7351	320.2
lost to all IX	8931	388.2
Analysis of: 15A TN NASHVILLE		
HAAT 354.0 m, ATV ERP 121.8 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1351276	24706.4
not affected by terrain losses	1347821	24302.1
lost to NTSC IX	6516	452.3
lost to additional IX by ATV	3483	164.1
lost to ATV IX only	3908	200.1
lost to all IX	9999	616.4
percent match ATV/NTSC	99.7	99.2
Analysis of: 18N GA CHATSWORTH		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1725252	24884.1
not affected by terrain losses	1510220	19277.8
lost to NTSC IX	453749	2169.3
lost to additional IX by ATV	159665	2390.6
lost to all IX	613414	4559.9
Analysis of: 33A GA CHATSWORTH		
HAAT 564.0 m, ATV ERP 331.5 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1725252	24884.1
not affected by terrain losses	1578077	20545.6
lost to NTSC IX	90781	1014.2
lost to additional IX by ATV	1991	60.4
lost to ATV IX only	7173	189.2
lost to all IX	92772	1074.6
percent match ATV/NTSC	99.1	99.3
Analysis of: 18N KY LEXINGTON		
	POPULATION	AREA (sq km)
within Noise Limited Contour	626580	13123.3
not affected by terrain losses	624727	12935.3
lost to NTSC IX	2523	152.0
lost to additional IX by ATV	2632	236.0
lost to all IX	5155	388.0
Analysis of: 22A KY LEXINGTON		
HAAT 195.0 m, ATV ERP 50.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	626580	13123.3
not affected by terrain losses	626272	13055.3
lost to NTSC IX	2582	192.0

lost to additional IX by ATV	14	4.0
lost to ATV IX only	58	8.0
lost to all IX	2596	196.0
percent match ATV/NTSC	99.9	99.5
Analysis of: 18N NC CHARLOTTE		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1822550	23303.5
not affected by terrain losses	1812480	22919.9
lost to NTSC IX	203063	2829.5
lost to additional IX by ATV	88761	2941.4
lost to all IX	291824	5770.9
Analysis of: 27A NC CHARLOTTE		
HAAT 366.0 m, ATV ERP 86.5 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1822550	23303.5
not affected by terrain losses	1818889	23143.7
lost to NTSC IX	38354	1426.7
lost to additional IX by ATV	12282	303.7
lost to ATV IX only	21125	651.4
lost to all IX	50636	1730.5
percent match ATV/NTSC	98.4	96.2
Analysis of: 19N AL HUNTSVILLE		
	POPULATION	AREA (sq km)
within Noise Limited Contour	935548	26493.4
not affected by terrain losses	882769	24486.4
lost to NTSC IX	25634	997.5
lost to additional IX by ATV	5862	193.1
lost to all IX	31496	1190.5
Analysis of: 59A AL HUNTSVILLE		
HAAT 533.0 m, ATV ERP 89.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	935548	26493.4
not affected by terrain losses	889503	24663.4
lost to NTSC IX	10017	229.3
lost to additional IX by ATV	423	16.1
lost to ATV IX only	991	28.2
lost to all IX	10440	245.3
percent match ATV/NTSC	99.7	99.6
Analysis of: 19N TN KINGSPORT		
	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	711314	18697.4
lost to NTSC IX	4604	173.4
lost to additional IX by ATV	2339	129.0
lost to all IX	6943	302.4
Analysis of: 27A TN KINGSPORT		
HAAT 707.0 m, ATV ERP 54.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	731431	19532.1
lost to NTSC IX	13528	524.2
lost to additional IX by ATV	25243	762.1
lost to ATV IX only	29511	1012.1
lost to all IX	38771	1286.3
percent match ATV/NTSC	96.9	96.3
Analysis of: 25N AL HUNTSVILLE		
	POPULATION	AREA (sq km)
within Noise Limited Contour	739275	18990.2
not affected by terrain losses	712140	17622.8
lost to NTSC IX	6310	265.4
lost to additional IX by ATV	445	48.3
lost to all IX	6755	313.7

Analysis of: 24A AL HUNTSVILLE

HAAT 352.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	739275	18990.2
not affected by terrain losses	724950	18350.8
lost to NTSC IX	1573	136.7
lost to additional IX by ATV	101	4.0
lost to ATV IX only	357	16.1
lost to all IX	1674	140.8
percent match ATV/NTSC	100.0	100.0

Analysis of: 25N KY ASHLAND

	POPULATION	AREA (sq km)
within Noise Limited Contour	389904	7490.0
not affected by terrain losses	374154	6869.8
lost to NTSC IX	2782	72.5
lost to additional IX by ATV	31653	334.2
lost to all IX	34435	406.7

Analysis of: 26A KY ASHLAND

HAAT 152.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	389904	7490.0
not affected by terrain losses	389018	7441.6
lost to NTSC IX	545	24.2
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	545	24.2
percent match ATV/NTSC	100.0	100.0

Analysis of: 19N TN KINGSPORT

	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	711314	18697.4
lost to NTSC IX	4604	173.4
lost to additional IX by ATV	2339	129.0
lost to all IX	6943	302.4

Analysis of: 27A TN KINGSPORT

HAAT 707.0 m, ATV ERP 54.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	731431	19532.1
lost to NTSC IX	13528	524.2
lost to additional IX by ATV	25243	762.1
lost to ATV IX only	29511	1012.1
lost to all IX	38771	1286.3
percent match ATV/NTSC	96.9	96.3

Analysis of: 33N NC ASHEVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1811019	31661.8
not affected by terrain losses	1388898	21329.9
lost to NTSC IX	50973	831.7
lost to additional IX by ATV	18613	246.3
lost to all IX	69586	1078.0

Analysis of: 25A NC ASHEVILLE

HAAT 816.0 m, ATV ERP 101.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1811019	31661.8
not affected by terrain losses	1506452	23913.9
lost to NTSC IX	39108	908.4
lost to additional IX by ATV	261	48.4
lost to ATV IX only	1920	145.3
lost to all IX	39369	956.9
percent match ATV/NTSC	99.7	99.8

514530 calls to Longley-Rice; path distance increment 1.00 km

Channel 26 Analysis:

Note: Input file data deleted from this summary.

Analysis of: 6N TN KNOXVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1421492	42357.1
not affected by terrain losses	1246834	35541.0
lost to NTSC IX	66112	2519.4
lost to additional IX by ATV	0	0.0
lost to all IX	66112	2519.4

Analysis of: 26A TN KNOXVILLE

HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1421492	42357.1
not affected by terrain losses	1214578	33294.3
lost to NTSC IX	4056	196.6
lost to additional IX by ATV	17335	662.0
lost to ATV IX only	18413	738.2
lost to all IX	21391	858.5
percent match ATV/NTSC	96.1	92.2

Analysis of: 15N TN KNOXVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1013800	24703.5
not affected by terrain losses	923885	19620.7
lost to NTSC IX	1764	100.4
lost to additional IX by ATV	3342	148.6
lost to all IX	5106	248.9

Analysis of: 17A TN KNOXVILLE

HAAT 513.0 m, ATV ERP 92.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1013800	24703.5
not affected by terrain losses	935329	20395.5
lost to NTSC IX	5471	437.6
lost to additional IX by ATV	96	12.0
lost to ATV IX only	404	52.2
lost to all IX	5567	449.7
percent match ATV/NTSC	100.0	99.8

Analysis of: 17N NC LINVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1218087	23603.2
not affected by terrain losses	939959	18895.4
lost to NTSC IX	98316	1996.4
lost to additional IX by ATV	3580	216.9
lost to all IX	101896	2213.3

Analysis of: 54A NC LINVILLE

HAAT 546.0 m, ATV ERP 130.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1218087	23603.2
not affected by terrain losses	947612	19056.1
lost to NTSC IX	41469	506.1
lost to additional IX by ATV	27116	650.7
lost to ATV IX only	62758	976.1
lost to all IX	68585	1156.9
percent match ATV/NTSC	99.1	98.3

Analysis of: 17N TN NASHVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1351276	24706.4
not affected by terrain losses	1338297	23785.8
lost to NTSC IX	1580	68.0
lost to additional IX by ATV	7351	320.2

lost to all IX	8931	388.2
Analysis of: 15A TN NASHVILLE		
HAAT 354.0 m, ATV ERP 121.8 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1351276	24706.4
not affected by terrain losses	1347821	24302.1
lost to NTSC IX	6516	452.3
lost to additional IX by ATV	3483	164.1
lost to ATV IX only	3908	200.1
lost to all IX	9999	616.4
percent match ATV/NTSC	99.7	99.2
Analysis of: 18N GA CHATSWORTH		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1725252	24884.1
not affected by terrain losses	1510220	19277.8
lost to NTSC IX	453749	2169.3
lost to additional IX by ATV	35228	297.8
lost to all IX	488977	2467.1
Analysis of: 33A GA CHATSWORTH		
HAAT 564.0 m, ATV ERP 331.5 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1725252	24884.1
not affected by terrain losses	1578077	20545.6
lost to NTSC IX	90781	1014.2
lost to additional IX by ATV	1991	60.4
lost to ATV IX only	7173	189.2
lost to all IX	92772	1074.6
percent match ATV/NTSC	99.1	99.3
Analysis of: 18N KY LEXINGTON		
	POPULATION	AREA (sq km)
within Noise Limited Contour	626580	13123.3
not affected by terrain losses	624727	12935.3
lost to NTSC IX	2523	152.0
lost to additional IX by ATV	1169	116.0
lost to all IX	3692	268.0
Analysis of: 22A KY LEXINGTON		
HAAT 195.0 m, ATV ERP 50.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	626580	13123.3
not affected by terrain losses	626272	13055.3
lost to NTSC IX	2582	192.0
lost to additional IX by ATV	14	4.0
lost to ATV IX only	58	8.0
lost to all IX	2596	196.0
percent match ATV/NTSC	99.9	99.5
Analysis of: 18N NC CHARLOTTE		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1822550	23303.5
not affected by terrain losses	1812480	22919.9
lost to NTSC IX	203063	2829.5
lost to additional IX by ATV	88761	2941.4
lost to all IX	291824	5770.9
Analysis of: 27A NC CHARLOTTE		
HAAT 366.0 m, ATV ERP 86.5 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1822550	23303.5
not affected by terrain losses	1818889	23143.7
lost to NTSC IX	38354	1426.7
lost to additional IX by ATV	12282	303.7
lost to ATV IX only	21125	651.4
lost to all IX	50636	1730.5
percent match ATV/NTSC	98.4	96.2

Analysis of: 19N AL HUNTSVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	935548	26493.4
not affected by terrain losses	882769	24486.4
lost to NTSC IX	25634	997.5
lost to additional IX by ATV	5862	193.1
lost to all IX	31496	1190.5

Analysis of: 59A AL HUNTSVILLE

HAAT 533.0 m, ATV ERP 89.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	935548	26493.4
not affected by terrain losses	889503	24663.4
lost to NTSC IX	10017	229.3
lost to additional IX by ATV	423	16.1
lost to ATV IX only	991	28.2
lost to all IX	10440	245.3
percent match ATV/NTSC	99.7	99.6

Analysis of: 19N TN KINGSPORT

	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	711314	18697.4
lost to NTSC IX	4604	173.4
lost to additional IX by ATV	2127	116.9
lost to all IX	6731	290.3

Analysis of: 27A TN KINGSPORT

HAAT 707.0 m, ATV ERP 54.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	731431	19532.1
lost to NTSC IX	13528	524.2
lost to additional IX by ATV	25386	766.1
lost to ATV IX only	29722	1020.2
lost to all IX	38914	1290.3
percent match ATV/NTSC	96.9	96.2

Analysis of: 25N AL HUNTSVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	739275	18990.2
not affected by terrain losses	712140	17622.8
lost to NTSC IX	6310	265.4
lost to additional IX by ATV	445	48.3
lost to all IX	6755	313.7

Analysis of: 24A AL HUNTSVILLE

HAAT 352.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	739275	18990.2
not affected by terrain losses	724950	18350.8
lost to NTSC IX	1573	136.7
lost to additional IX by ATV	101	4.0
lost to ATV IX only	357	16.1
lost to all IX	1674	140.8
percent match ATV/NTSC	100.0	100.0

Analysis of: 25N KY ASHLAND

	POPULATION	AREA (sq km)
within Noise Limited Contour	389904	7490.0
not affected by terrain losses	374154	6869.8
lost to NTSC IX	2782	72.5
lost to additional IX by ATV	31653	334.2
lost to all IX	34435	406.7

Analysis of: 26A KY ASHLAND

HAAT 152.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	389904	7490.0

not affected by terrain losses	389018	7441.6
lost to NTSC IX	545	24.2
lost to additional IX by ATV	0	4.0
lost to ATV IX only	0	4.0
lost to all IX	545	28.2
percent match ATV/NTSC	100.0	100.0
Analysis of: 19N TN KINGSPORT		
	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	711314	18697.4
lost to NTSC IX	4604	173.4
lost to additional IX by ATV	2127	116.9
lost to all IX	6731	290.3
Analysis of: 27A TN KINGSPORT		
HAAT 707.0 m, ATV ERP 54.3 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	930250	26423.2
not affected by terrain losses	731431	19532.1
lost to NTSC IX	13528	524.2
lost to additional IX by ATV	25386	766.1
lost to ATV IX only	29722	1020.2
lost to all IX	38914	1290.3
percent match ATV/NTSC	96.9	96.2
Analysis of: 33N NC ASHEVILLE		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1811019	31661.8
not affected by terrain losses	1388898	21329.9
lost to NTSC IX	50973	831.7
lost to additional IX by ATV	18613	246.3
lost to all IX	69586	1078.0
Analysis of: 25A NC ASHEVILLE		
HAAT 816.0 m, ATV ERP 101.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1811019	31661.8
not affected by terrain losses	1506452	23913.9
lost to NTSC IX	39108	908.4
lost to additional IX by ATV	17487	302.8
lost to ATV IX only	20844	456.2
lost to all IX	56595	1211.2
percent match ATV/NTSC	99.2	99.4
486274 calls to Longley-Rice; path distance increment 1.00 km		

Channel 18 Analysis with 100Kw ERP:

(Input file deleted)

Analysis of: 6N TN KNOXVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1421492	42357.1
not affected by terrain losses	1246834	35541.0
lost to NTSC IX	66112	2519.4
lost to additional IX by ATV	0	0.0
lost to all IX	66112	2519.4

Analysis of: 18A TN KNOXVILLE

HAAT 454.0 m, ATV ERP 100.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1421492	42357.1
not affected by terrain losses	1141078	29828.1
lost to NTSC IX	63905	2439.2
lost to additional IX by ATV	2722	144.4
lost to ATV IX only	11482	549.6
lost to all IX	66627	2583.6
percent match ATV/NTSC	88.5	80.1

Analysis of: 15N TN KNOXVILLE

	POPULATION	AREA (sq km)
within Noise Limited Contour	1013800	24703.5
not affected by terrain losses	923885	19620.7
lost to NTSC IX	1764	100.4
lost to additional IX by ATV	3342	148.6
lost to all IX	5106	248.9

Analysis of: 17A TN KNOXVILLE

HAAT 513.0 m, ATV ERP 92.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1013800	24703.5
not affected by terrain losses	935329	20395.5
lost to NTSC IX	5471	437.6
lost to additional IX by ATV	8094	269.0
lost to ATV IX only	8437	317.2
lost to all IX	13565	706.6
percent match ATV/NTSC	99.1	98.6

Analysis of: 18N GA CHATSWORTH

	POPULATION	AREA (sq km)
within Noise Limited Contour	1725252	24884.1
not affected by terrain losses	1510220	19277.8
lost to NTSC IX	453749	2169.3
lost to additional IX by ATV	61162	1086.6
lost to all IX	514911	3255.9

Analysis of: 33A GA CHATSWORTH

HAAT 564.0 m, ATV ERP 331.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1725252	24884.1
not affected by terrain losses	1578077	20545.6
lost to NTSC IX	90781	1014.2
lost to additional IX by ATV	1991	60.4
lost to ATV IX only	7173	189.2
lost to all IX	92772	1074.6
percent match ATV/NTSC	99.1	99.3

126535 calls to Longley-Rice; path distance increment 1.00 km

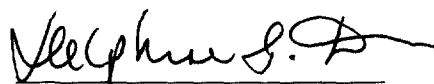
CERTIFICATE OF SERVICE

I, Delphine I. Davis, a secretary in the law firm of Fletcher, Heald & Hildreth, P.L.C. do hereby certify that true copies of the foregoing "Petition for Reconsideration" were sent this 20th day of April, 1998 by hand delivery and first-class United States mail, postage prepaid, to the following:

Roy J. Stewart, Chief*
Mass Media Bureau
Federal Communications Commission
1919 M Street, N.W.
Room 314
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Barbara A. Kreisman, Chief*
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Mass Media Bureau
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1919 M Street, N.W.
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Station WATE-TV
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Delphine I. Davis

***Denotes By Hand**